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PTO/SB/02C (3-97)

Approved for use through 9/30/98. OMB 0651-0032

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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DECLARATION

REGISTERED PRACTITIONER INFORMATION (Supplemental Sheet)

Name	Registration Number	Name	Registration Number
Paul F. Prestia	23,031		
Andrew L. Ney	20,300		
Kevin R. Casey	32,117		
Benjamin E. Leace	33,412		
James C. Simmons	24,842		
Lawrence E. Ashery	34,515		
Christopher R. Lewis	36,201		
Robert L. Andersen	25,771		
Daniel N. Calder	27,424		
Louis W. Beardell, Jr.	40,506		
Jacques L. Etkowicz	41,738		
Jonathan H. Spadt	45,122		
Mark J. Marcelli	38,040		
Joshua L. Cohen	42,690		
Jack J. Jankovitz	34,608		
Kevin W. Goldstein	42,621		
Christopher I. Halliday	26,277		
Paul D. Golian	33,602		
William P. Hauser	41,712		
Bruce M. Monroe	28,028		
Rex A. Donnelly, IV	42,866		
Costas Krikelis			

Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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REISSUE APPLICATION DECLARATION BY THE INVENTOR

Docket Number (Optional)

MTS-880US2

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is described and claimed

in patent number 5,825,421, granted October 20, 1998, and for which a reissue patent is sought on the invention entitled VIDEO CODING METHOD AND DECODING METHOD AND

DEVICES THEREOF

the specification of which

☒ is attached hereto.

☐ was filed on _____ as reissue application number ____ / _____
and was amended on _____
(If applicable)

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I verily believe the original patent to be wholly or partly inoperative or invalid, for the reasons described below. (Check all boxes that apply.)

- ☐ by reason of a defective specification or drawing.
- ☒ by reason of the patentee claiming more or less than he had the right to claim in the patent.
- ☐ by reason of other errors.

At least one error upon which reissue is based is described as follows:

During the prosecution of the application that issued as the above patent, the inventors did not recognize that the features disclosed in new claims 13-16 were appropriate to claim. As such, the inventors did not claim all that they had a right to claim. This error was made without deceptive intent.

(REISSUE APPLICATION DECLARATION BY THE INVENTOR, page 2)

MTS-880US2

Name(s)	Registration Number
---------	---------------------

Jack J. Jankovitz	42,690
--------------------------	---------------

☐ Customer Number

Type Customer Number here

<input checked="" type="checkbox"/>	Firm or Individual Name	Ratner & Prestia
-------------------------------------	-------------------------	------------------

City | Valley Forge

State	PA	ZIP	19482
-------	----	-----	-------

Telephone | (610) 407-0700

Fax (610) 407-0701

Full name of sole or first inventor (given name, family name)

Thiow Keng Tan

Inventor's signature

Residence Singapore

Date _____

Post Office Address Block 553, Choa Chu Kang North 6, #11-08
Singapore 2368

Citizenship **Malaysia**

Full name of second joint inventor (given name, family name)

Inventor's signature

Date _____

Residence

Citizenship

Post Office Address

Full name of third joint inventor (given name, family name)

Inventor's signature

Date _____

Residence

Citizenship

Post Office Address

☐ Additional joint inventors are named on separately numbered sheets attached hereto.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

REISSUE APPLICATION DECLARATION BY THE ASSIGNEE

Docket Number (optional)

MTS-880US2

I hereby declare that:

My residence and post office address and citizenship are stated below next to my name.

I am authorized to act on behalf of the following assignee: Matsushita Electric Industrial Co., Ltd.and the title of my position with said assignee is: Director

The entire title to the patent identified below is vested in said assignee.

Name of Patentee(s):

Thiow Keng Tan

Patent Number

5,825,421

Date of Patent Issued

October 20, 1998

Title of Invention

VIDEO CODING METHOD AND DECODING METHOD AND DEVICES THEREOF

I believe said patentee(s) to be the original, first and sole/joint inventor(s) of the subject matter which is described and claimed in said patent, for which a reissue patent is sought on the invention entitled _____

VIDEO CODING METHOD AND DECODING METHOD AND DEVICES THEREOF

the specification of which

☒ is attached hereto.

☐ was filed on _____ as reissue application number _____
and was amended on _____
(If applicable)

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I verily believe the original patent to be wholly or partly inoperative or invalid, for the reasons described below. (Check all boxes that apply.)

☐ by reason of a defective specification or drawing.☒ by reason of the patentee claiming more or less than he had the right to claim in the patent.☐ by reason of other errors.

At least one error upon which reissue is based is described as follows:

During the prosecution of the application that issued as the above patent, the inventors did not recognize that the features disclosed in new claims 13-16 were appropriate to claim. As such, the inventors did not claim all that they had a right to claim. This error was made without deceptive intent.

[Attach additional sheets, if needed.]

All errors corrected in this reissue application arose without any deceptive intention on the part of the applicant.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

(REISSUE APPLICATION DECLARATION BY THE ASSIGNEE, page 2)		Docket Number (Optional) MTS-880US2	
I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.			
Name(s) Allan Ratner	Registration Number 19,717		
Jack J. Jankovitz	42,690		
Correspondence Address: Direct all communications about the application to:			
<input type="checkbox"/> Customer Number		→	Place Customer Number Bar Code Label Here
<i>Type Customer Number Here</i>			
OR			
<input checked="" type="checkbox"/> Firm or Individual Name	Ratner & Prestia		
Address	P.O. Box 980		
Address			
City	Valley Forge	State	PA
Country			
Telephone	(610) 407-0700	Fax	(610) 407-0701
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1 001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed.			
Full name of person signing (given name, family name) Dr. Osamu Yamazaki, Director			
Signature		Date	
Address of Assignee <small>1006, Oaza Kadoma, Kadoma-shi Osaka, 571 Japan</small>			
Patentee Thiow Keng Tan		Citizenship Malaysia	
Residence/Post Office Address Block 553, Choa Chu Kang North 6, 11-08			
Patentee		Citizenship	
Residence/Post Office Address			

Please type a plus sign (+) inside this box → ☐

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REISSUE APPLICATION BY THE INVENTOR, OFFER TO SURRENDER PATENT		Docket Number (Optional) MTS-880US2
This is part of the application for a reissue patent based on the original patent identified below.		
Name of Patentee(s) Thiow Keng Tan		
Patent Number 5,825,421	Date Patent Issued October 20, 1998	
Title of invention VIDEO CODING METHOD AND DECODING METHOD AND DEVICES THEREOF		
<p>I am the inventor of the original patent.</p> <p>I offer to surrender the original patent.</p> <p>1. <input checked="" type="checkbox"/> Filed herein is a certificate under 37 CFR 3.73(b).</p> <p>2. <input type="checkbox"/> Ownership of the patent is in the inventor(s), and no assignment of the patent has been made.</p> <p>One of boxes 1 or 2 above must be checked.</p> <p>The written consent of all assignees owning an undivided interest in the original patent is included in this application for reissue.</p>		
Signature		Date
Typed or printed name Thiow Keng Tan		
The assignee owning an undivided interest in said original patent is <u>Matsushita Electric Industrial Co., Ltd.</u> , and the assignee consents to the accompanying application for reissue.		
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application, any patent issued thereon, or any patent to which this declaration is directed.		
Name of assignee Matsushita Electric Industrial Co., Ltd.		
Signature of person signing for assignee		Date
Typed or printed name and title of person signing for assignee Dr. Osamu Yamazaki Director		

Burden Hour Statement: This form is estimated to take 0.1 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

DO NOT "SEND" TO PTO

REISSUE APPLICATION BY THE ASSIGNEE, OFFER TO SURRENDER PATENT		Docket Number (Optional) MTS-880US2
<p>This is part of the application for a reissue patent based on the original patent identified below.</p>		
Name of Patentee(s): <p style="text-align: center;">Thiow Keng Tan</p>		
Patent Number 5,825,421	Date Patent Issued October 20, 1998	
Title of Invention VIDEO CODING METHOD AND DECODING METHOD AND DEVICES THEREOF		
<p><u>Matsushita Electric Industrial Co., Ltd.</u> is the assignee of the entire interest in the original patent.</p> <p>I offer to surrender the original patent.</p> <p><input checked="" type="checkbox"/> A certificate under 37 CFR 3.73(b) is attached.</p> <p>I am authorized to act on behalf of the assignee.</p>		
<p>I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application, any patent issued thereon, or any patent to which this declaration is directed.</p>		
Name of assignee <u>Matsushita Electric Industrial Co., Ltd.</u>		
Signature of person signing for assignee	Date	
Typed or printed name and title of person signing for assignee <p>Dr. Osamu Yamazaki Director</p>		

Burden Hour Statement: This form is estimated to take 0.1 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

00810T-85815960

ASSENT BY ASSIGNEE FOR FILING OF REISSUE APPLICATION

This is part of the application for a reissue patent filed herewith based on the original patent identified as follows:

Name of Patentee: Matsushita Electric Industrial Co., Ltd.

Patent Number: 5,825,421

Date Patent Issued: October 20, 1998

Title of Invention: VIDEO CODING METHOD AND DECODING METHOD
AND DEVICES THEREOF

I am an assignee owning an undivided interest to the above original patent.

I assent to the accompanying application for reissue.

Attached is a "Certificate under 37 C.F.R. section 3.73(b)"

Matsushita Electric Industrial Co., Ltd.

Signature of person signing for assignee

Date: _____

Dr. Osamu Yamazaki
Director

0091058-101800

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: T. Tan : Art Unit:
Serial No.: To Be Assigned : Examiner:
Filed: Herewith
FOR: VIDEO CODING METHOD AND
DECODING METHOD AND DEVICES
THEREOF

CERTIFICATE UNDER 37 CFR 3.73 (b)

Assistant Commissioner for Patents
Washington, D.C. 20231

S I R :

Matsushita Electric Industrial Co., Ltd., a Japanese Corporation certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of an assignment from the inventor of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel 8607, Frame 0024, for which a copy thereof is attached.

The undersigned has reviewed all the documents in the chain of title of the patent application identified above and, to the best of undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by

09691858-101800

fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date : _____

Name : Dr. Osamu Yamazaki

Title : Director

Signature : _____

09691858-101300



RATNER & PRESTIA
ALLAN RATNER
SUITE 301, ONE WESTLAKES BERWYN
P.O. BOX 980
VALLEY FORGE, PA 19482-0980

REC-4193

AUG 28 1997

100463787A

JC903 U.S. PTO
 09/691858
 10/18/00

MAYA BENNETT, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

No legalization required

ASSIGNMENT

WHEREAS, the ASSIGNOR, comprising the following named inventor(s)

Inventor(s)

ASSIGNOR(s)/
INVENTOR(s)

1. Tan, Thio w Keng 2. _____
3. _____ 4. _____

has made an invention entitled: _____

VIDEO CODING METHOD AND DECODING METHOD AND DEVICES THEREOF

and has executed an application for Letters Patent of the United States
concurrently herewith;

WHEREAS, the ASSIGNEE

Matsushita Electric Industrial Co., Ltd.

of 1006, Oaza Kadoma, Kadoma-shi, Osaka 571 JAPAN

is desirous of acquiring the entire interest in and to said invention and the
Letters Patent to be obtained therefor,

NOW, THEREFORE, in consideration of the payment by ASSIGNEE to
ASSIGNOR of a sum corresponding to One Dollar (\$1.00), and for other good
and valuable consideration, the receipt of which is hereby acknowledged,
ASSIGNOR, intending to be legally bound, hereby sells, assigns and transfers
to ASSIGNEE, its successors and assigns the full and exclusive right, title and
interest in and to said invention, all applications for Letters Patent for said
invention, including all divisions and continuations thereof, all rights to claim
priority based thereon, and all Letters Patent, including reissues, to be obtained
therefor, including any and all foreign patent rights in this invention
corresponding thereto.

ASSIGNOR hereby warrants that no assignment, sale, agreement or
encumbrance has been or will be made or entered into which would conflict
with this Assignment.

- 2 -

ASSIGNOR agrees it shall be legally bound, upon request of the ASSIGNEE or its successors or assigns or a legal representative thereof, to supply all information and evidence of which the ASSIGNOR has knowledge or possession, relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention in the United States of America and foreign countries in the name of the ASSIGNEE, and to execute all instruments proper to carry out the intent of this instrument.

If the invention requires a biological deposit, ASSIGNOR also grants to ASSIGNEE such control over any deposit made by ASSIGNOR as may be necessary to the validity of the patent rights assigned herein.

ASSIGNOR authorizes ASSIGNOR's attorney to insert at the end hereof the serial number and filing date of the aforesaid application for United States Letters Patent and/or the Attorney docket or file designation for this application.

If the ASSIGNOR includes more than one individual, these obligations shall apply to these individuals both individually and collectively.

IN WITNESS WHEREOF, this Assignment is executed on the day indicated below.

(Typed or Printed Name)

(Signature)

(Date)

1. Tan, Thiow Keng



March 3, 1997

2. _____

3. _____

4. _____

Application for United States Letters Patent

Serial No. 08/773,574

Filed December 27, 1996

Attorney Docket No. MTS-850

008707 05076960

SIGNATURE